



CODE DATA:

CODES UTILIZED: NFPA 101 LIFE SAFETY CODE, 2009 EDITION

OCCUPANCIES: MULTIPLE, NFPA 101 2009 EDITION, CHAPTER 38 NEW BUSINESS OCCUPANCIES, CHAPTER 42 STORAGE OCCUPANCIES

FIRST FLOOR AREA: 4,877 S.F.

GROUND FLOOR AREA: 3,240 S.F.

FIRE WALLS: 1-HR FIRE RESISTIVE BARRIER AND SMOKE PROOF ENCLOSURE AROUND NEW STAIR TOWER, AROUND NEW ELEVATOR SHAFT, AROUND NEW MECHANICAL SHAFT.

FIRE SUPPRESSION SYSTEM: YES

EMERGENCY EXIT LIGHTING: YES

FIRE ALARM SYSTEM: YES

MINIMUM ROOF CLASS: CLASS C

LEGEND:

FEC SEMI-RECESSED FIRE EXTINGUISHER CABINET

FE SURFACE MOUNTED FIRE EXTINGUISHER

1 HOUR FIRE RESISTIVE BARRIER & SMOKE PROOF ENCLOSURE, ALL OPENINGS PROTECTED FOR 60 MIN. FIRE & SMOKE RATING.

INDICATED PATH OF TRAVEL

INDICATES REQUIRED EXIT

OCCUPANT LOAD

ACTUAL AREA

LOAD FACTOR

INDICATES ROOM OCCUPANCY INFO.

418 SF / 50 SF

GENERAL NOTES

A. REFER TO PROJECT DOCUMENT "HAZARDOUS MATERIALS INSPECTION OF BUILDING 33: BOISE VETERANS ADMINISTRATION MEDICAL CENTER (BOSE VAMC); BOISE, ID AUGUST 20-23, 2010" AND SPECIFICATIONS FOR SCOPE OF HAZARDOUS MATERIALS REMOVAL.

Phase II - Renovate Building 33

VA Project # 531-10-114

Section	Topic	Description	Shft. Ref.
2009 NFPA 101: Life Safety Code			
Chap. 38	BUSINESS OCCUPANCIES		
38.1.2	Multiple Occupancies	All Multiple Occupancies shall be in accordance with 6.1.14. Mixed occupancies shall comply with the requirements of 6.1.14.	
6.1.14.3.1	Mixed Occupancies	Each portion of the building shall be classified as to its use in accordance with Section 6.1.	
6.1.14.3.2	Occupancy Classification	The means of egress facilities, construction type, protection, and other safeguards in the building shall comply with the most restrictive fire and life safety requirements of the occupancies involved.	
38.1.4	General requirements of Business Occupancy	Per 6.1.11.1, floors one through three shall be classified as a Business Occupancy (Chapter 38). The Ground Floor of the building shall be classified as a Storage Occupancy (Chapter 42).	
38.1.1.3	General requirements of Business Occupancy	Additions to existing buildings shall conform to the requirements of 4.6.8. Existing portions of the structure shall not be required to be modified, provided that the new construction has not diminished the fire safety features of the facility.	
43.1.1	Classification of Rehabilitation	Renovation	
43.4.1.4	Renovation	The work shall not make the building less conforming with other sections of this Code, or with any previous approved alternative arrangements, than it was before the Copyright NFPA.	
38.1.5	Classification of Hazard Contents	The contents of business occupancies shall be classified as ordinary hazard in accordance with Section 6.2.	
38.1.7	Occupant Load	Business Use 1/100 ft (Table 11.3.1.2)	
38.2.1.1	Means of Egress Requirements	Storage Use 1/200 ft (Table 11.3.1.3)	
38.2.2.2.1	Doors	Each required means of egress shall be in accordance with the applicable portions of Chapter 7.	
7.3.3.1	Means of Egress Capacity	Doors complying with 7.2.1 shall be permitted.	
38.2.4.1(2)	Number of Means of Egress - Business	Sprinklered 0.3" per person for stair width, 0.2" per person non-stair horizontal travel.	
7.2.2.2.1.1	Existing Stairs	Not less than two means of egress shall be provided from every story or section. (Section 7.4)	
7.12.2	Number of Means of Egress - Mechanical	Parking stairs shall be permitted to remain in use provided they meet the following: Minimum width clear of all obstructions, except projections not more than 4 1/2 in. (114 mm) at or below handrail height on each side + 36 in. 915 Maximum height of risers = 9 in. Minimum tread depth = 9 in. Minimum headroom = 6 ft 8 in. Maximum height between landings = 12 ft Landing: See 7.2.1.3 and 7.2.1.4.3.1	
7.12.1	Common Path of Travel - Mechanical	Stores used exclusively for mechanical equipment, fumaises, or boilers shall be permitted to have a single means of egress where the travel distance to an exit on that story is not in excess of the common path of travel limitations of 7.12.1.	
38.2.5.2.1	Dead End Corridor	A common path of travel not exceeding 100 ft (30 m) shall be permitted in buildings protected throughout by an approved, supervised automatic sprinkler system in accordance with Section 6.7.	
38.2.6.3.1	Common Path of Travel - Business	In buildings protected throughout by an approved, supervised automatic sprinkler system in accordance with 6.7.1.1(1), dead-end corridors shall not exceed 50 ft (15 m).	
		Common path of travel shall not exceed 100 ft (30 m) in a building protected throughout by an approved, supervised automatic sprinkler system in accordance with 6.7.1.1(1).	

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Section	Topic	Description	Shft. Ref.
2009 NFPA 101: Life Safety Code			
Chap. 38	BUSINESS OCCUPANCIES		
38.2.9	Emergency Lighting	Emergency lighting shall be provided in accordance with Section 7.9 in any building where the building is three or more stories in height, and/or the occupancy is subject to 50 or more occupants above or below the level of exit discharge.	
38.3.2.1	Protection From Hazards	Hazardous areas including, but not limited to, areas used for general storage, boiler or furnace rooms, and maintenance shops that include woodworking and painting areas shall be protected in accordance with Section 8.7.	
8.7.1.1	Special Hazard Protection	Protection from any area having a degree of hazard greater than that normal to the general occupancy of the building or structure shall be provided by protecting the area with an automatic extinguishing system in accordance with section 9.7.	
38.3.5	Extinguishment Requirements	Portable fire extinguishers shall be provided in every business occupancy in accordance with 9.7.4.1.	
38.3.9	Corridors	Corridors are not required to have a 1-hour fire resistance rating when buildings are protected throughout by an approved, supervised automatic sprinkler system in accordance with 6.7.1.1(1).	
43.1.4.5	Compliance	Work mandated by any accessibility, properly, housing, or fire code, mandated by the existing building requirements of this code, or mandated by any licensing rule or ordinance, adopted pursuant to law, shall conform only to the requirements of that code, rule, or ordinance and shall not be required to conform to this chapter, unless the code requiring such work so provides.	

95% SUBMISSION

REVISIONS

DATE

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STAMP

PRELIMINARY
NOT FOR
CONSTRUCTION

DRAWING TITLE
LIFE SAFETY PLAN

APPROVED: DIVISION CHIEF

APPROVED: SERVICE DIRECTOR

PROJECT TITLE
VAMC
RENOVATE
BUILDING 33

BUILDING NUMBER
33

LOCATION
BOISE, IDAHO

CHECKED
JMO

DRAWN
BKS

DATE
03/04/11

PROJECT NO.
531-10-114

DRAWING NO.
G1.1

DWG. Q2 OF 102

